

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method for synthesizing a given peptide or its derivative, which peptide or derivative contains a proline residue or hydroxyproline residue, at or adjacent the C-terminal end of said peptide, the method comprising the steps of:

a) synthesizing on a first resin a C-terminal portion of said peptide, or its derivative, comprising successive coupling of a first amino acid as the C-terminal amino acid residue to the first resin and subsequently coupling at least two successive amino acids to said C-terminal amino acid residue, wherein said C-terminal amino acid residue or the amino acid residue adjacent thereto is a proline residue or a hydroxyproline residue, and said first resin is a 2-chlorotriyl chloride resin;

b) cleaving the C-terminal portion thus obtained from said first resin;

c) reattaching said C-terminal portion to a second resin, wherein said second resin is a Wang resin or a 4-(3-methoxy-4-(hydroxymethyl)phenoxy)methyl derivative of polystyrene-co-divinylbenzene; and

d) coupling selected amino acids, small peptides or derivatives thereof to the C- terminal portion to obtain said given peptide or its derivative.

2. (previously presented) The method of Claim 1 wherein said given peptide is a peptide which comprises at least 20 amino acid residues.

3. (previously presented) The method of Claim 1 wherein said given peptide is a chemokine having a proline residue at the C-terminus thereof.

4. (previously presented) The method of Claim 1, wherein said first resin is chosen so that it does not lead to the formation of a cyclic dipeptide.

5. (canceled).

6. (canceled)

7. (previously presented) The method of Claim 1, wherein said second resin is a Wang resin.

8. (previously presented) The method of Claim 1, wherein said given peptide comprises up to 150 amino acid residues.

9. (previously presented) The method of Claim 1, wherein the cleaving step is achieved using a mild acid treatment.

10. (previously presented) The method of Claim 1, wherein the C-terminal portion is fully protected so it can be attached directly onto the second resin.